

Converting Colors

$Y_{xy}(53.1973, 0.3058, 0.3295)$

Have a look what the booklet for
Yxy(53.1973, 0.3058, 0.3295)
contains.

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Color

Yxy(53.3644, 0.3063, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	BAC3C2
RGB	186, 195, 194
RGB Percent	73%, 76%, 76%
CMY	0.2706, 0.2353, 0.2391
CMYK	0.05, 0.00, 0.01, 0.24
HSL	173°, 7%, 75%
HSV	173°, 5%, 76%
XYZ	49.5019, 53.3644, 58.7461
YIQ	192.1950, -5.0430, -2.2190

Conversions

Conversions Part 2

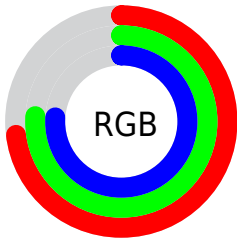
Format	Color
RYB	186, 191, 195
Decimal	12239810
CIELab	78.09, -3.28, -0.59
CIELCh	78, 3.330, 190.287
Yxy	53.3644, 0.3063, 0.3302
Android (android.graphics.Color)	4290429890 (0xFFBAC3C2)
YUV	192.1950, 0.8899, -5.4330
Hunter-Lab	73.0509, -6.8813, 3.4558

Details

The Yxy color **53.3644, 0.3063, 0.3302** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.3007, 0.3195, 0.3278**, and the grayscale version is **52.8298, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4002, 0.3076, 0.3309**, and **25.9297, 0.3052, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **50.9945, 0.2929, 0.3330**, and if you desaturate by 10%, it is **56.0735, 0.3203, 0.3277**.

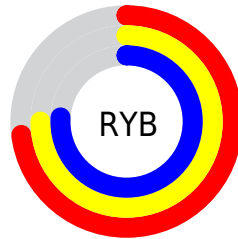
Distribution



Red (73%)

Green (76%)

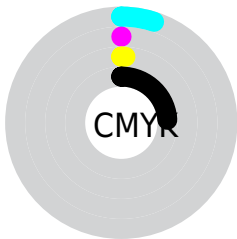
Blue (76%)



Red (73%)

Yellow (75%)

Blue (76%)

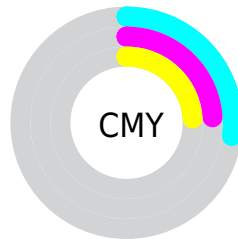


Cyan (5%)

Magenta (0%)

Yellow (1%)

Black (24%)



Cyan (27%)

Magenta (24%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3644, 0.3063, 0.3302 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 53.3644, 0.3063, 0.3302 by changing the saturation by 10% instead.

■ 53.3644, 0.3063,
0.3302

■ 53.3644, 0.3063,
0.3302

399.6816, 0.3094,
0.3296

■ 38.0937, 0.3055,
0.3303

■ 95.1404, 0.3074,
0.3300

■ 26.0555, 0.3046,
0.3305

122.4145, 0.3079,
0.3299

■ 16.8651, 0.3033,
0.3307

154.4585, 0.3082,
0.3299

■ 10.1384, 0.3016,
0.3310

191.6569, 0.3085,
0.3298

■ 5.4908, 0.2990,
0.3315

234.3940, 0.3088,
0.3297

■ 2.5380, 0.2951,
0.3322

283.0542, 0.3090,

■ 0.8956, 0.2873,

0.3297

0.3336

338.0220, 0.3092,
0.3297

0.0000, 0.0000,
0.0000

53.3644, 0.3063,
0.3302

53.3644, 0.3063,
0.3302

50.9945, 0.2929,
0.3330

56.0735, 0.3203,
0.3277

48.9436, 0.2802,
0.3360

59.1276, 0.3345,
0.3254

47.1996, 0.2687,
0.3393

62.5410, 0.3488,
0.3234

45.7471, 0.2586,
0.3427

64.5805, 0.3557,
0.3214

44.5693, 0.2500,
0.3463

64.6817, 0.3540,
0.3192

■ 43.6479, 0.2433,
0.3500

■ 64.7843, 0.3523,
0.3171

■ 42.9619, 0.2385,
0.3537

■ 64.8882, 0.3506,
0.3149

■ 42.4876, 0.2355,
0.3574

■ 64.9935, 0.3489,
0.3127

■ 42.1958, 0.2344,
0.3611

■ 65.1003, 0.3472,
0.3106

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53.3644, 0.3101, 0.3339



53.3644, 0.3063, 0.3302



53.3644, 0.3043, 0.3262

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.3644, 0.3063, 0.3302



53.3644, 0.3109, 0.3219



53.3644, 0.3210, 0.3350

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



53.3644, 0.3063, 0.3302



50.3007, 0.3195, 0.3278

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



53.3644, 0.3213, 0.3317



53.3644, 0.3063, 0.3302



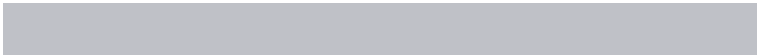
53.3644, 0.3154, 0.3242

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.3644, 0.3063, 0.3302



53.3644, 0.3069, 0.3215



53.3644, 0.3192, 0.3278



53.3644, 0.3186, 0.3366

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.3644, 0.3063, 0.3302



53.3644, 0.3041, 0.3239



53.3644, 0.3192, 0.3278



53.3644, 0.3214, 0.3340

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



53.3667, 0.3063, 0.3302



97.2535, 0.3113, 0.3293



53.1472, 0.3130, 0.3403



21.3027, 0.3114, 0.3292



0.0000, 0.0000, 0.0000



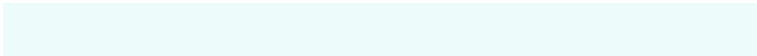
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.3667, 0.3063, 0.3302



94.9134, 0.3043, 0.3306



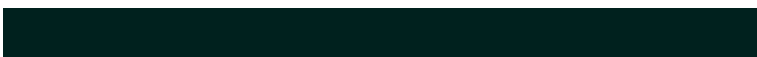
51.8788, 0.3057, 0.3247



11.5580, 0.3037, 0.3307



27.3577, 0.2341, 0.3626



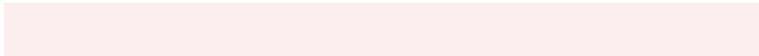
1.1875, 0.2318, 0.3544

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



50.3007, 0.3195, 0.3278



87.7523, 0.3218, 0.3274



51.7337, 0.3200, 0.3333



10.6208, 0.3226, 0.3273



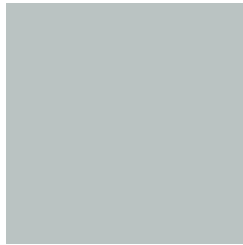
7.5826, 0.6256, 0.3220



0.3337, 0.5826, 0.2983

Previews

White Background



This preview shows how the Yxy color 53.3644, 0.3063, 0.3302 looks on a white background.

Color Contrast Check

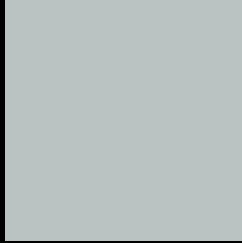
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 53.3644, 0.3063, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

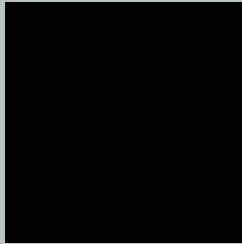
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

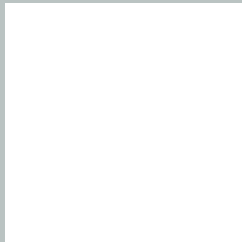
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.3644, 0.3063, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 53.3644, 0.3063, 0.3302.

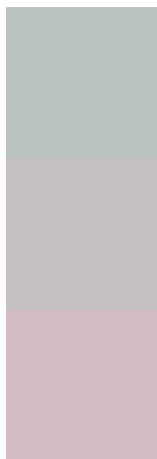


This preview shows how white text looks on a background with the Yxy color 53.3644, 0.3063, 0.3302.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

53.3644, 0.3063, 0.3302

Protanopia

53.2408, 0.3160, 0.3290

Deuteranopia

53.2278, 0.3249, 0.3184



Tritanopia

53.3854, 0.2979, 0.3106

Trichromacy



Original Color

53.3644, 0.3063, 0.3302

Protanomaly

53.1967, 0.3119, 0.3290

Deuteranomaly

53.1845, 0.3179, 0.3230

Tritanomaly

53.4602, 0.3007, 0.3179

Monochromacy



Original Color

53.3644, 0.3063, 0.3302

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.9373, 0.3103, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3644, 0.3063, 0.3302 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(186, 195, 194)` looks like.

```
.text, #text, p{  
    color:rgb(186, 195, 194)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(186, 195, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 195, 194) }
```

Border

The CSS property to change the border of an element to Yxy 53.3644, 0.3063, 0.3302 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 195, 194) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(186, 195, 194) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(186, 195, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 195, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 195, 194);  
box-shadow:4px 4px 4px 4px rgb(186, 195,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3644, 0.3063, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 195, 194) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(186,  
195, 194) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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